



**UNITED STATES MARINE CORPS**  
Base Maintenance Division  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO  
11345.1  
MAIN  
18 Dec 84

From: Utilities Systems General Foreman  
To: Director, Utilities Branch

Subj: NPDES PERMIT VIOLATION, BUILDING TT-35

1. A digested sludge bypass occurred sometime between 2300 on 16 December 1984 and 0800 on 17 December 1984 due to a break in a temporary berm.
2. The Number one digester was in the process of being flushed out to prepare it for repairs by Contractor. During the time of flushing, the berm became saturated with water and broke, spilling approximately 100,000 gallons containing an estimated 75% water and 25% digested sludge.
3. The berm is being repaired and increased to more than double the original size which should hold sufficiently until the sludge dries enough to be removed.

*W. R. Price*  
W. R. PRICE

11345  
MAIN  
18 Dec 84

FIRST ENDORSEMENT

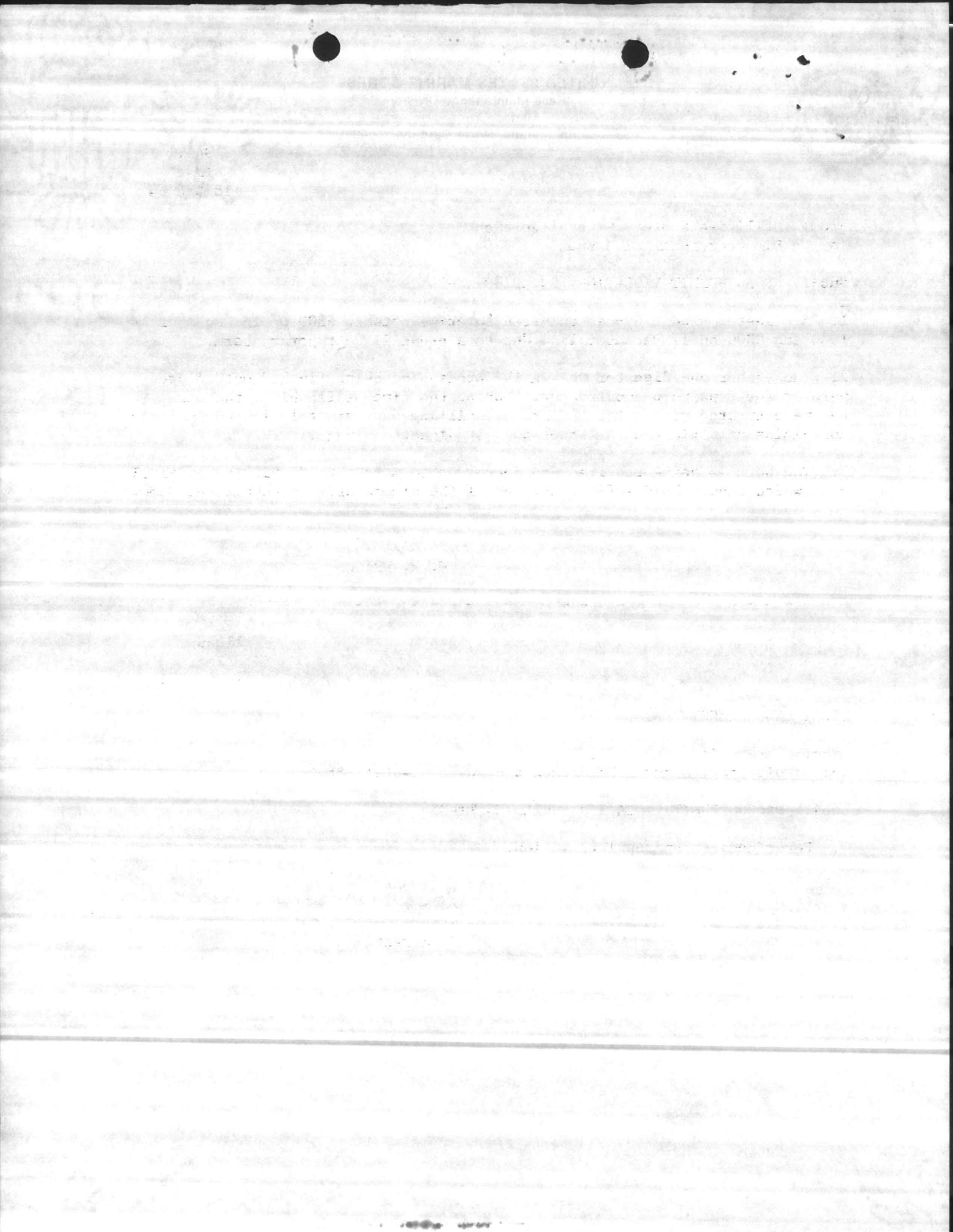
From: Base Maintenance Officer  
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES PERMIT VIOLATION, BUILDING TT-35

1. Forwarded for appropriate action.

*G. S. Johnson, Jr.*  
G. S. JOHNSON, JR  
By direction

Copy to:  
ABMO



WASTE TREATMENT LABORATORY WORKSHEET  
 MCBCL 11345/5 (REV. 4-81)

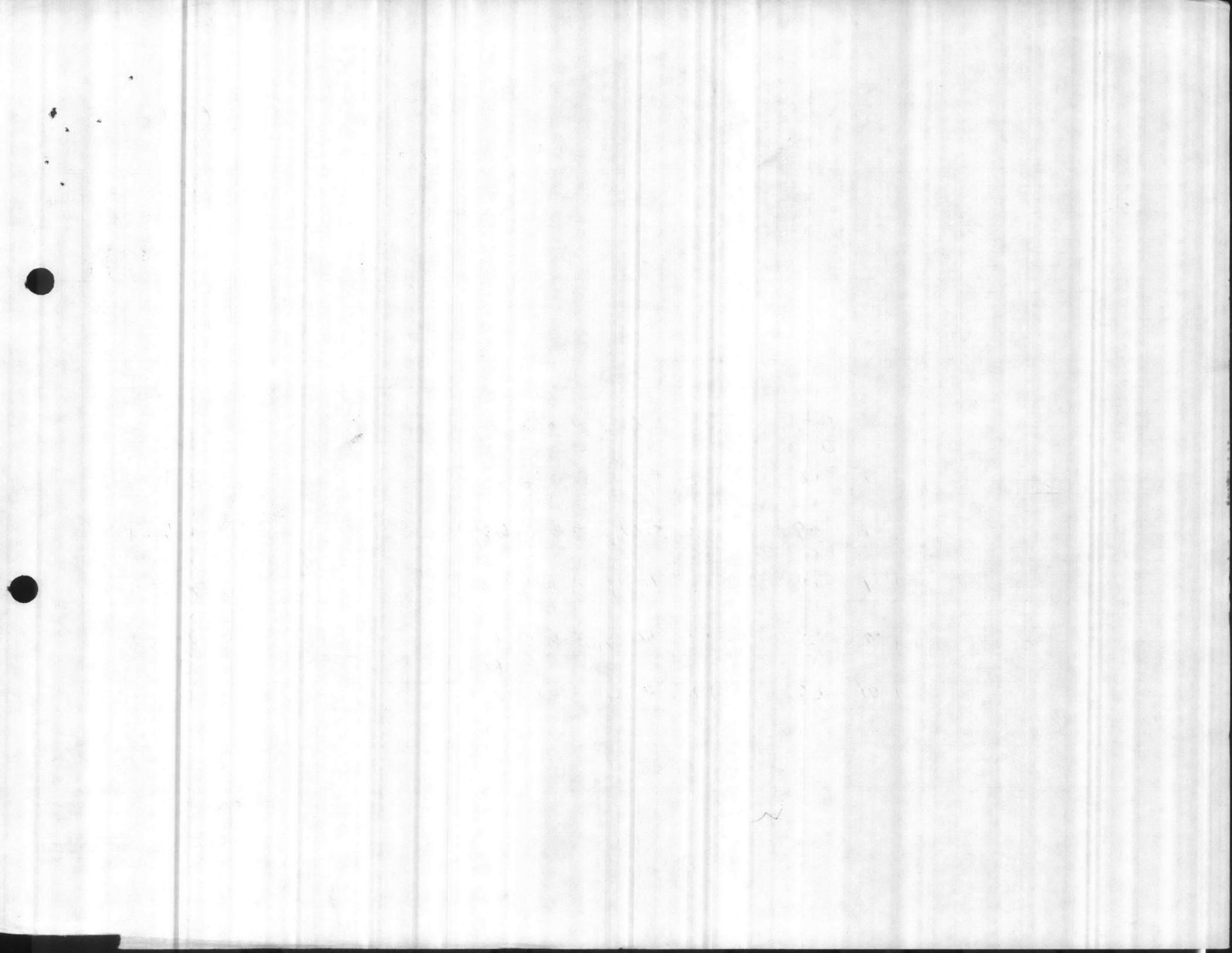
PLANT		BOD ELEMENT 00310						SUSPENDED SOLIDS ELEMENT 00530						COLIFORM		
		#	DO <sub>1</sub>	DO <sub>5</sub>	DEP	BOD mg/l	%	#	DISH & SOLID	DISH	SOLID	VOLUME	SOLIDS mg/l	%	DIL	TOTAL MFC/100 ML
HP	R	Rw-1	9.5	5.1	4.4			06-18	<sup>17</sup> 7976	<sup>17</sup> 7980	2.6	250	10.4	1	0	30
	T													10	120	52
TT	R	Rw-2	10.2	4.3	5.9			06-12	<sup>18</sup> 2865	<sup>18</sup> 2844	2.1	250	8.4	1	300	0
	T													10	260	0
CG	R	Rw-3	10.3	5.3	5.0			NA-1	<sup>17</sup> 6337	<sup>17</sup> 6301	3.6	250	14.4	1	500	10
	T													10	260	8
DUP	R	Rw-4	10.4	5.2	5.2			06-9	<sup>18</sup> 9312	<sup>18</sup> 9285	2.7	250	10.8	1	200	0
	T													10	270	16
CJ	R	Rw-5	9.8	4.2	5.6			06-7	<sup>14</sup> 9207	<sup>14</sup> 9195	3.2	250	12.8	1	200	30
	T													10	60	4
OB	R	Rw-6	9.6	4.6	5.0			06-19	<sup>18</sup> 0778	<sup>18</sup> 0751	2.7	250	10.8	1	80	9
	T													10	80	4
CHB	R	Rw-7	11.5	6.8	4.7			06-17	<sup>18</sup> 2377	<sup>18</sup> 2332	4.5	250	18.0	1	30	0
	T													10	30	0
RR	R															
	T															
STD	R															
	T															
BLK	A															
	B															

- Rw-1 (1)
- Rw-2 (2)
- Rw-3 (3)
- Rw-4 (4)
- Rw-5 (5)
- Rw-6 (6)

Rw-7 (7)

TT sludge spill

DATE  
12/20/84



Mr. Howe

451-5003

TOTAL & Fecal Coliform  
Ammonia Nitrogen if possible  
TOTAL Suspended Solids  
BOD

DO



## TT RIVER RUN

1. UPSTREAM @ HWY 24 BRIDGE
2. FIVE SAMPLE POINTS ACROSS TT  
ONE DIRECTLY ACROSS TREES  
TWO SLIGHTLY ABOVE  
TWO SLIGHTLY BELOW
3. DOWNSTREAM @ MOUTH OF RIVER

TAKE

ONE BACT

TWO BOD

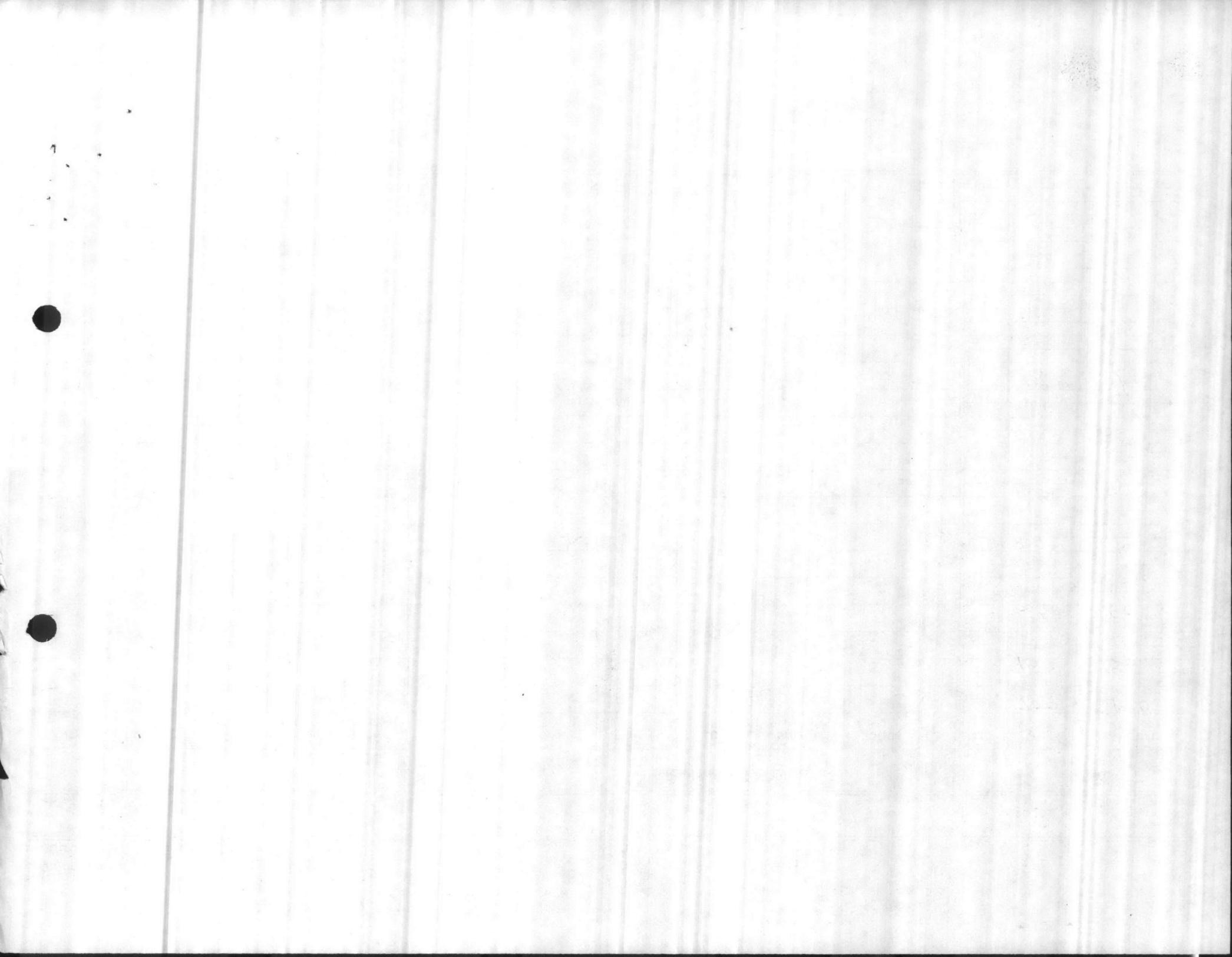


Sewage Spill at TT

WASTE TREATMENT LABORATORY WORKSHEET  
MCBCL 11345/5 (REV. 4-81)

X		VERITIFIED WINKLER						OVEN TEMP °							DATE		
		thb													18 DEC 84		
		BOD ELEMENT 00310						SUSPENDED SOLIDS ELEMENT 00530							COLIFORM		
PLANT		#	DO <sub>1</sub>	DO <sub>5</sub>	DEP	BOD mg/l	%	#	DISH & SOLID	DISH	SOLID	VOLUME	SOLIDS mg/l	%	DIL	TOTAL MFC/100 ML	FECAL MFC/100 ML
AR	R	1	8.3	0.8	7.5	7.5										700	190
	T															10	20
T	R	2	10.1	5.1	5.0	5.0										600	60
	T																
CG	R	3	10.0	5.1	4.9	4.9										800	∅
	T																
DUP	R	4	10.1	5.4	4.7	4.7										800	∅
	T																
CJ	R	5	10.2	5.6	4.6	4.6										8000	90
	T																
OB	R	6	9.9	3.7	6.2	6.2										5000	80
	T																
CHB	R	7	11.9	2.8	9.1	9.1										10	∅
	T																
R	R																
	T																
STD	R																
	T																
BLK	A																
	B																

Read on 12/24/84 H



WASTE TREATMENT LABORATORY WORKSHEET  
 MCBCL 11345/5 (REV. 4-81)

	VERIFIED WINKLER <span style="float: right;">7.5</span>	OVEN TEMP °	DATE 12 Dec 87
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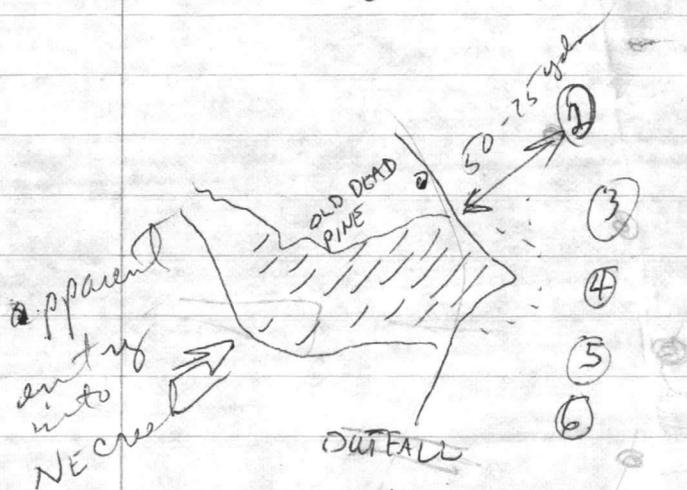
		BOD ELEMENT 00310						SUSPENDED SOLIDS ELEMENT 00530						COLIFORM			
PLANT		#	DO <sub>1</sub>	DO <sub>5</sub>	DEP	BOD mg/l	%	#	DISH & SOLID	DISH	SOLID	VOLUME	SOLIDS mg/l	%	DIL	TOTAL MFC/100 ML	FECAL MFC 100 ML
<del>R</del>	R	1	8.3	0.8	7.5	7.5										700	190
	T															10	20
TT	R	2	10.1	5.1	5.0	5.0										600	60
	T																
CG	R	3	10.0	5.1	4.9	4.9											
	T																
DUP	R	4	10.1	5.4	4.7	4.7										800	∅
	T																
CJ	R	5	10.2	5.6	4.6	4.6										8000	90
	T																
OB	R	6	9.9	3.7	6.2	6.2										5000	80
	T																
CHB	R	7	11.9	2.8	9.1	9.1										10	∅
	T																
STD	R																
	T																
BLK	A																
	B																

*100 ml 11/11/87*

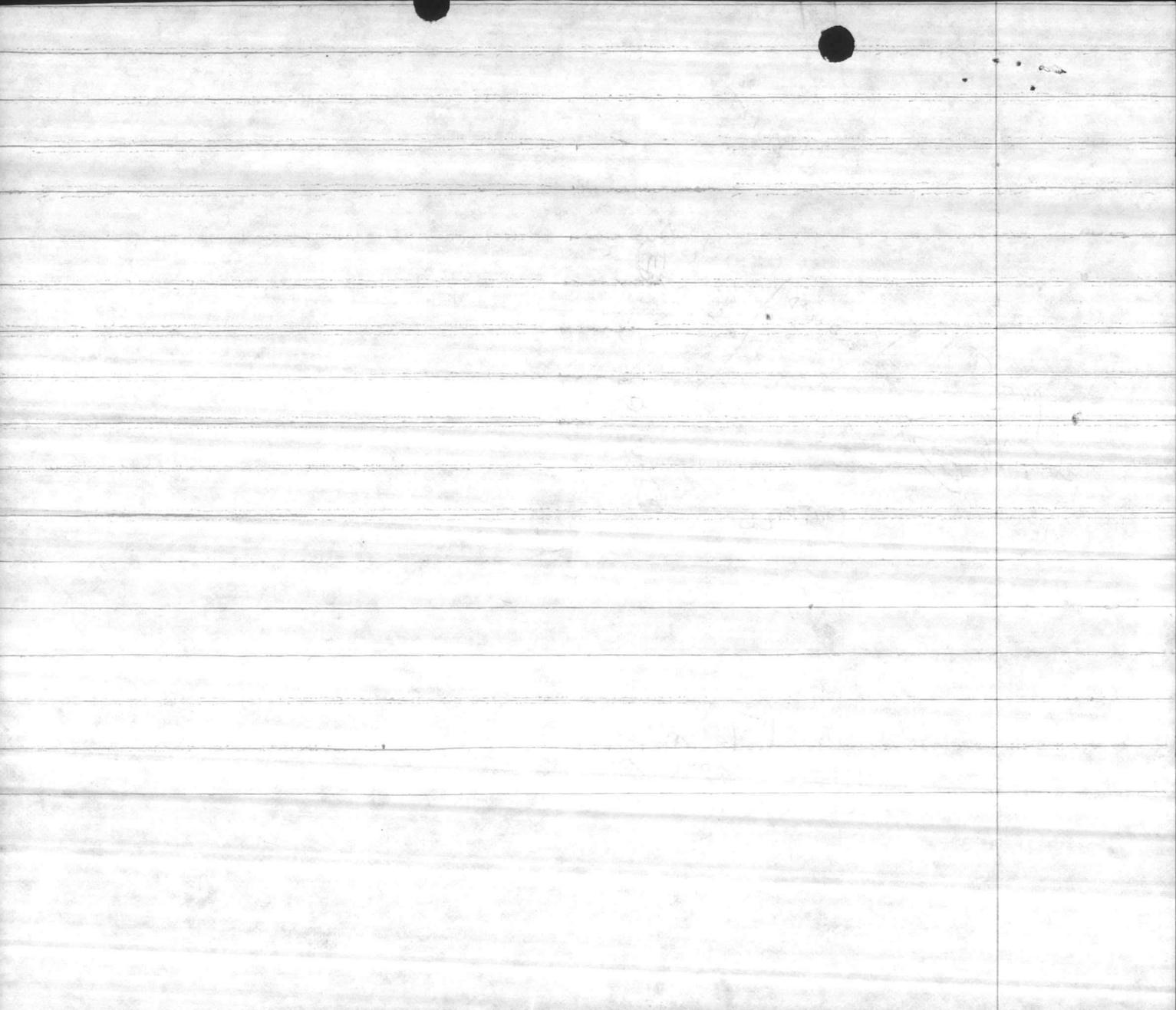


# CHECK SHORELINE FOR FISH KILL

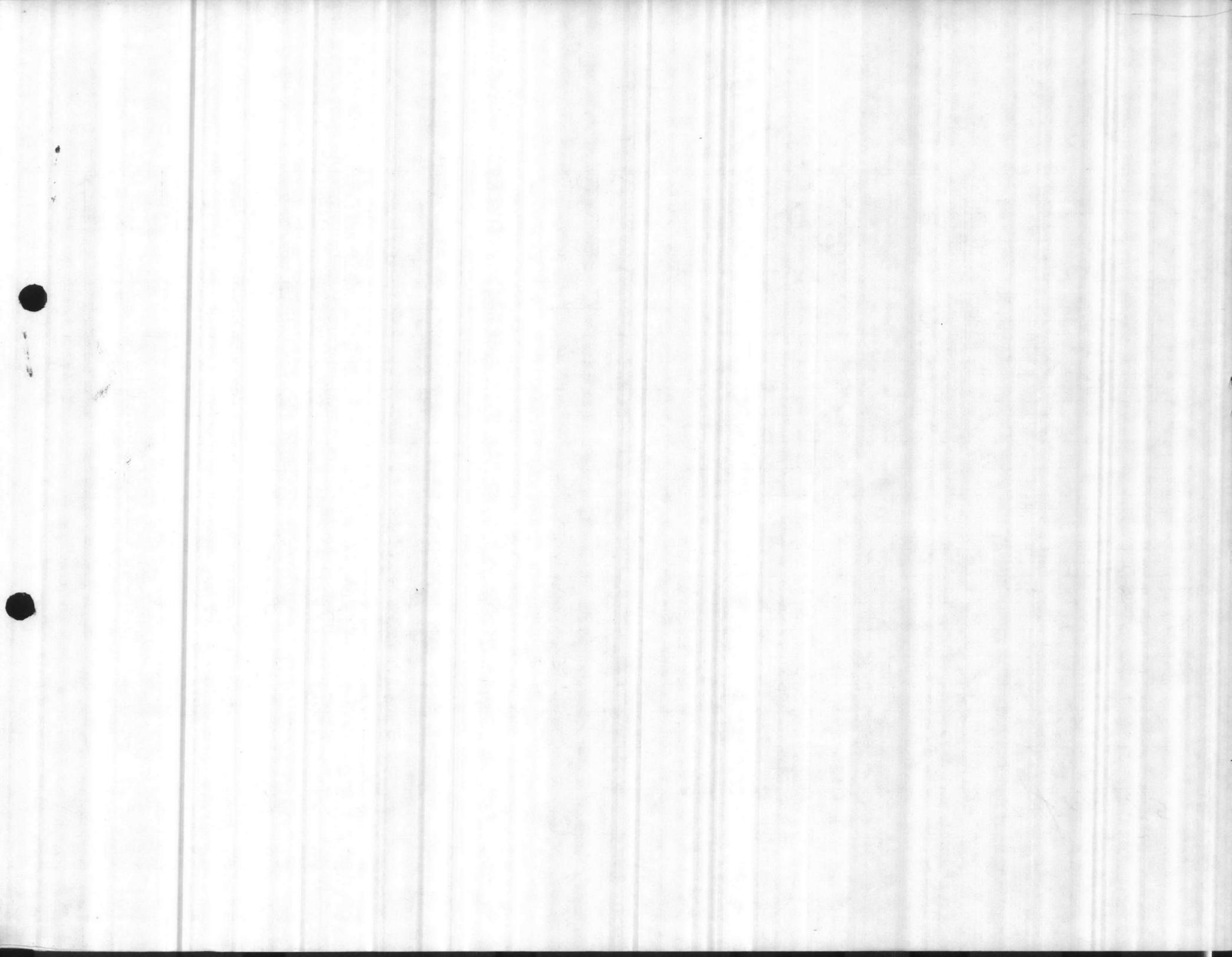
① BRIDGE



⑦  
mouth  
of creek







Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, GA 30309

Dear Sir:

This letter is to report a 4 January 1984 bypass at the Tarawa Terrace Wastewater Treatment Plant (TT-35), Marine Corps Base, Camp Lejeune, North Carolina.

At 1230 on 4 January 1984, the treatment plant started bypassing and continued for approximately five hours. The bypass was caused during the tie-in of a newly constructed grit channel. Immediate measures were employed to correct the situation by use of portable pumps diverting the influent sewage into the primary basin. An estimate of the bypassed sewage is about 35,000 gallons.

This report has been delayed pending completion of the investigation of the cause of the bypass. In the future, telephonic notice of inadvertent bypasses will be provided to your office and the State of North Carolina, if you concur with this policy.

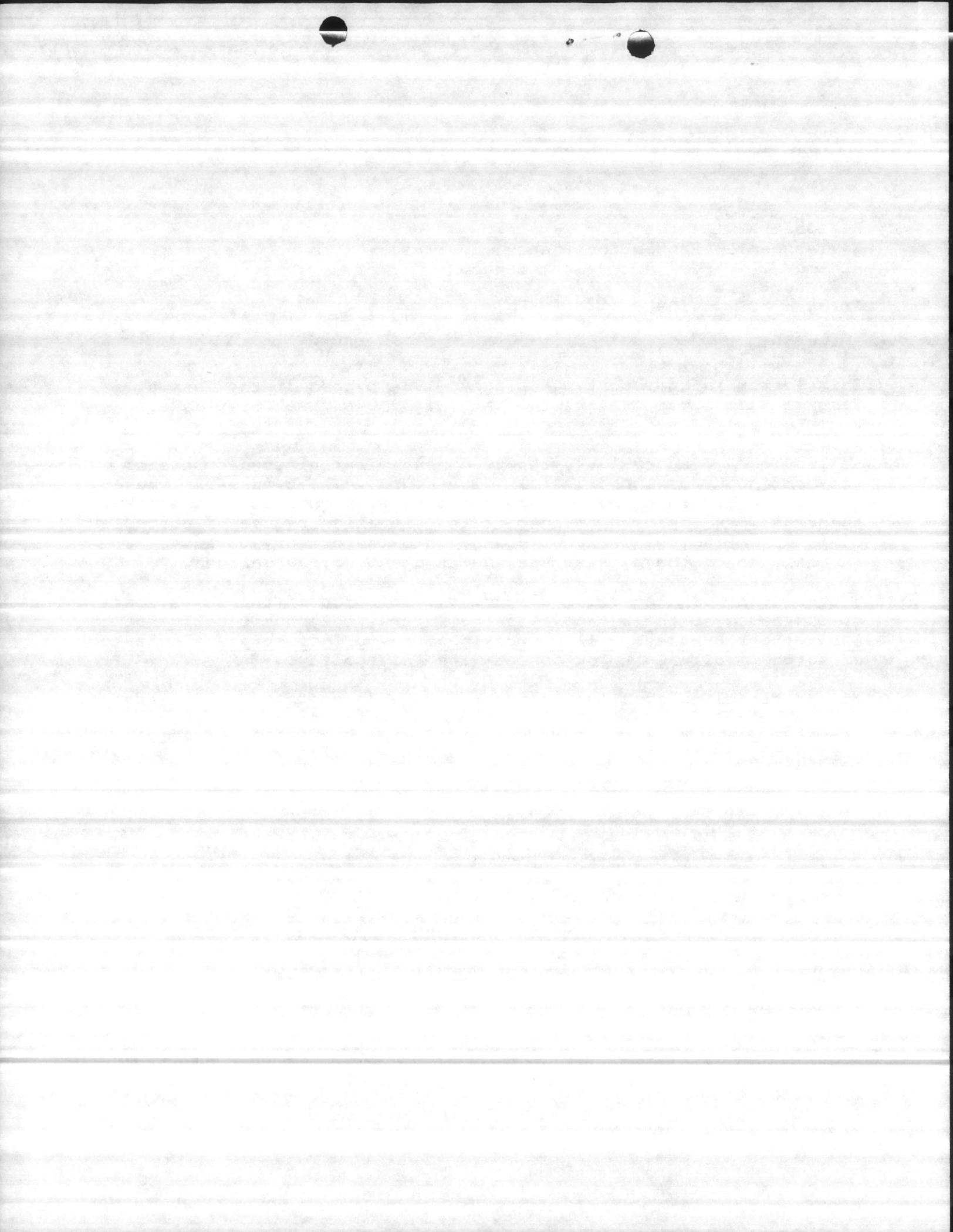
If additional information is desired, please contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, telephone (919) 451-5003/2083.

Sincerely,

M. G. LILLEY  
Colonel, U.S. Marine Corps  
Assistant Chief of Staff, Facilities  
By Direction of the Commanding General

Copy to:  
NC Dept of NatRes&ComDev  
CMDR, NAVFACENGCOM  
OIC, PMU, NAVHOSP

Blind copy to:  
BMO (UtilDir)  
ECL (Chemist)  
ROICC  
→ NREAD



JLW  
Dany DD8

FAC/REA/nhh  
6280/4  
FEB 1984

Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, GA 30309

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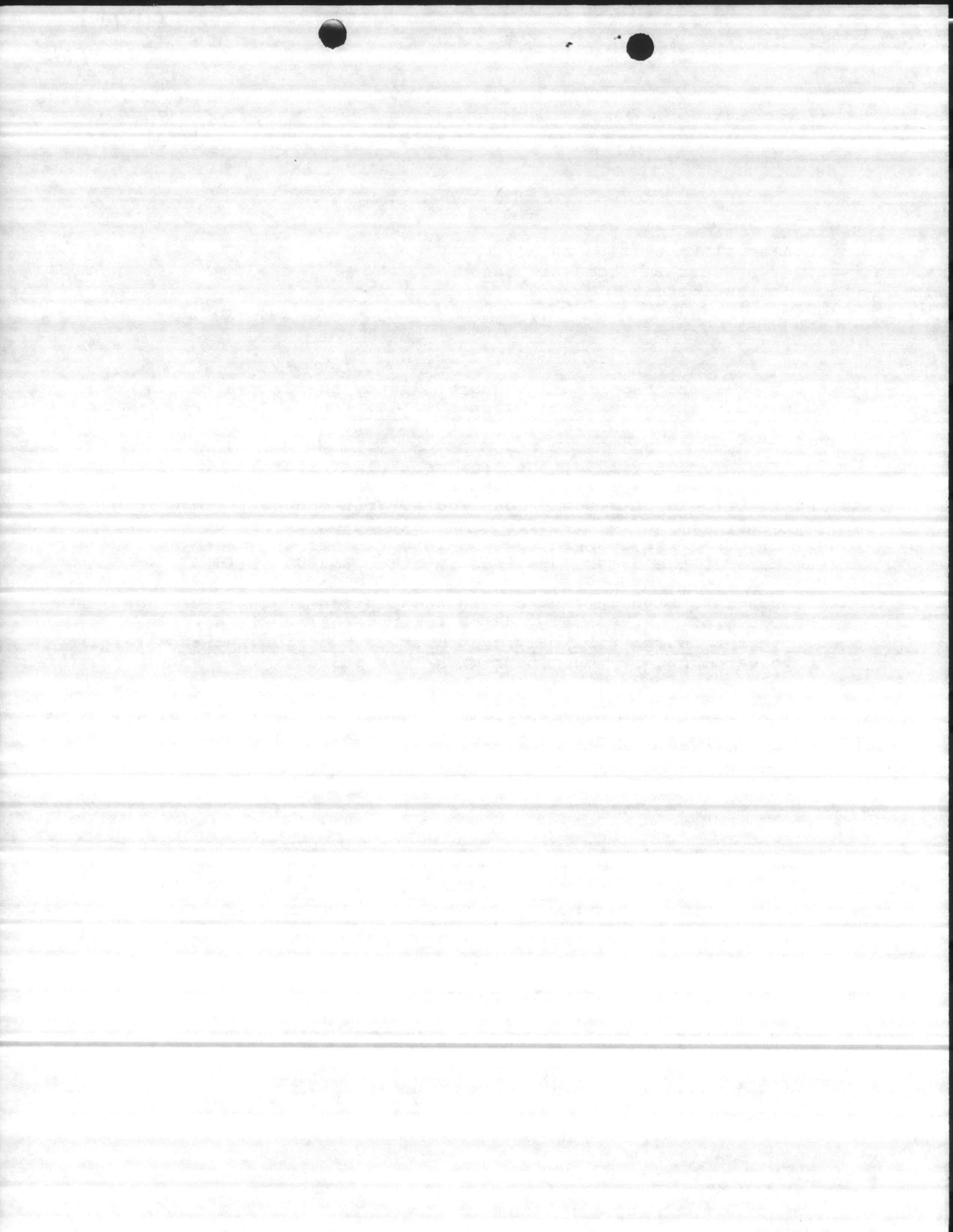
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Assistant Chief of Staff, Facilities  
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NREAD



JLW  
Dany DD8

FAC/REA/nhh  
6280/4

Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, GA 30309

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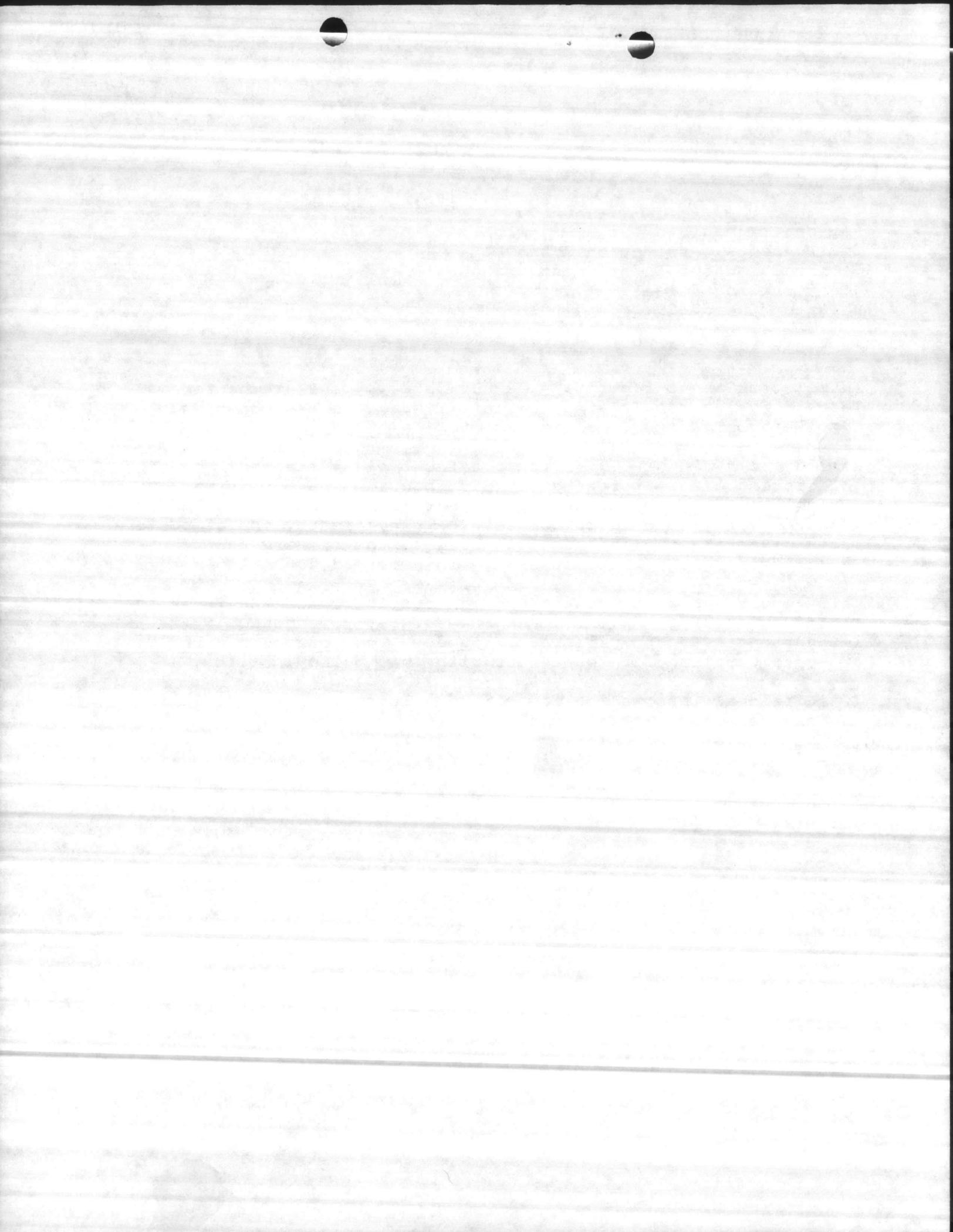
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Colonel, U.S. Marine Corps  
Assistant Chief of Staff, Facilities  
By direction of the Commanding General

Copy to:  
NC Dept of NatRes&ComDev  
CMDR, NAVFACENGGCOM  
OIC, PMU, NAVHOSP

Blind copy to:  
BMO (UtilDir)  
ECL (Chemist)  
ROICC  
NREAD



10 Jan 84

Per FOWECON w/ Hazel  
Bob Alexander has

*re typed  
7 Feb 84*

NREAD/DDS/th  
11345

~~14 Feb 84~~

Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, Georgia 30309

Dear Sir:

This letter is to report a 4 January 1984 bypass at the Tarawa Terrace Wastewater Treatment Plant (TT-35), Marine Corps Base, Camp Lejeune, North Carolina. The following information relative to the incident is provided.

At 1230 on 4 January 1984, the treatment plant started bypassing and continued for approximately five hours. The bypass was caused by a private contractor not following proper procedures. During the tie-in of a new grit channel, the contractor furnished and operated a pump of insufficient capacity to transfer the flow causing approximately 75,000 gallons to bypass into Northeast Creek.

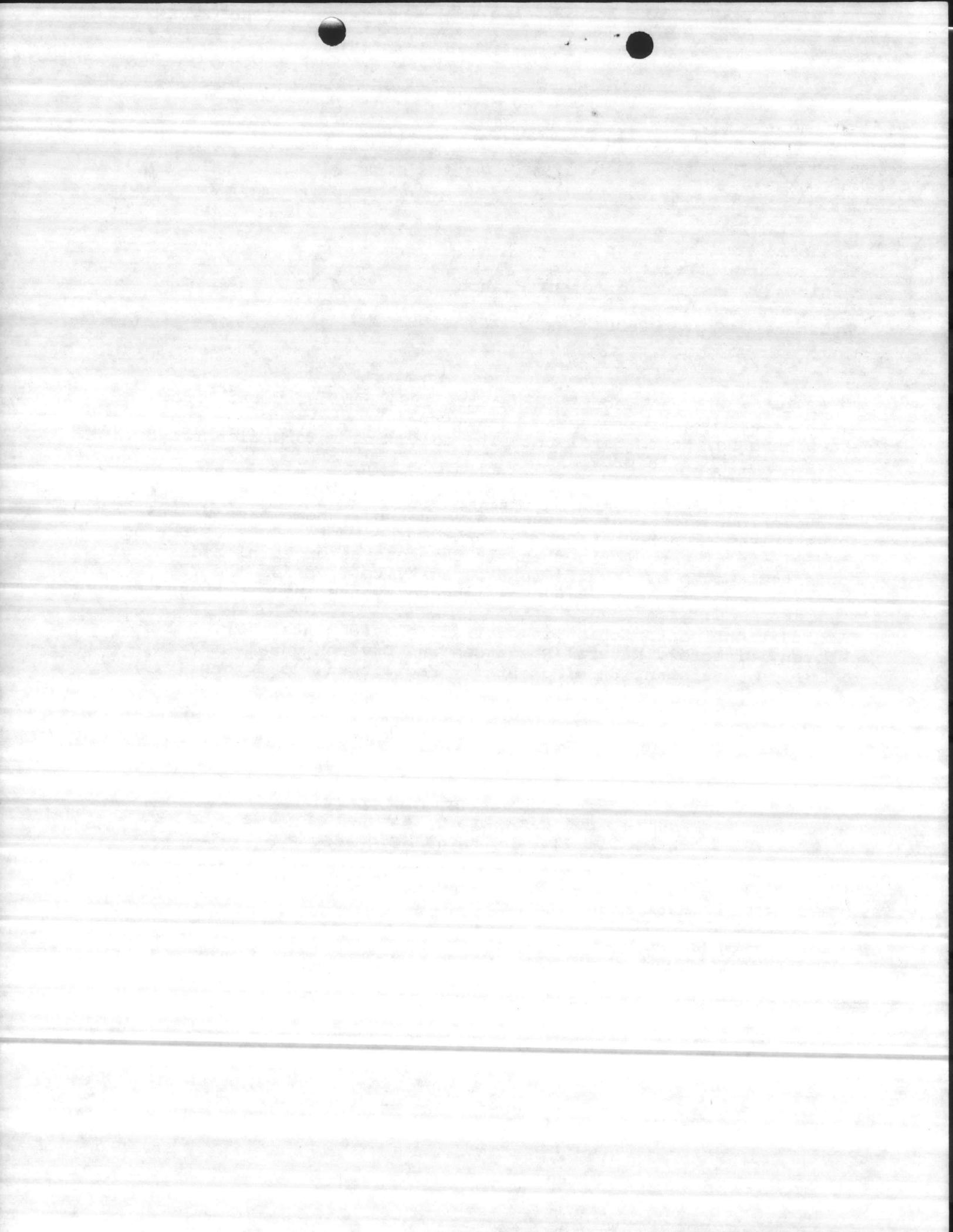
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Colonel, U. S. Marine Corps  
Assistant Chief of Staff, Facilities  
By direction of the Commanding General

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OIC, PMU, NAVHOSP

Blind copy to:  
BMO (Util Dir)  
QCL (Chemist)  
ROICC



Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, Georgia 30309

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Copy to:  
NC Dept of NatRes&ComDev  
CMDR, NAVFACENGCOM  
OIC, PMO, NAVHOSP

Blind Copy to:  
BMO (Util Dir)  
QCL, NREAD

STANLEY C. ...

...

... information ...

... the ...

... capacity ...

... the ...

(S) 551 500 433

...

...

MAIN/DLS/shk  
11345  
6 January 1984

FIRST ENDORSEMENT on UtilSystemsGenFore ltr MAIN/WRP/shk 11345.4 of 6 January 1984

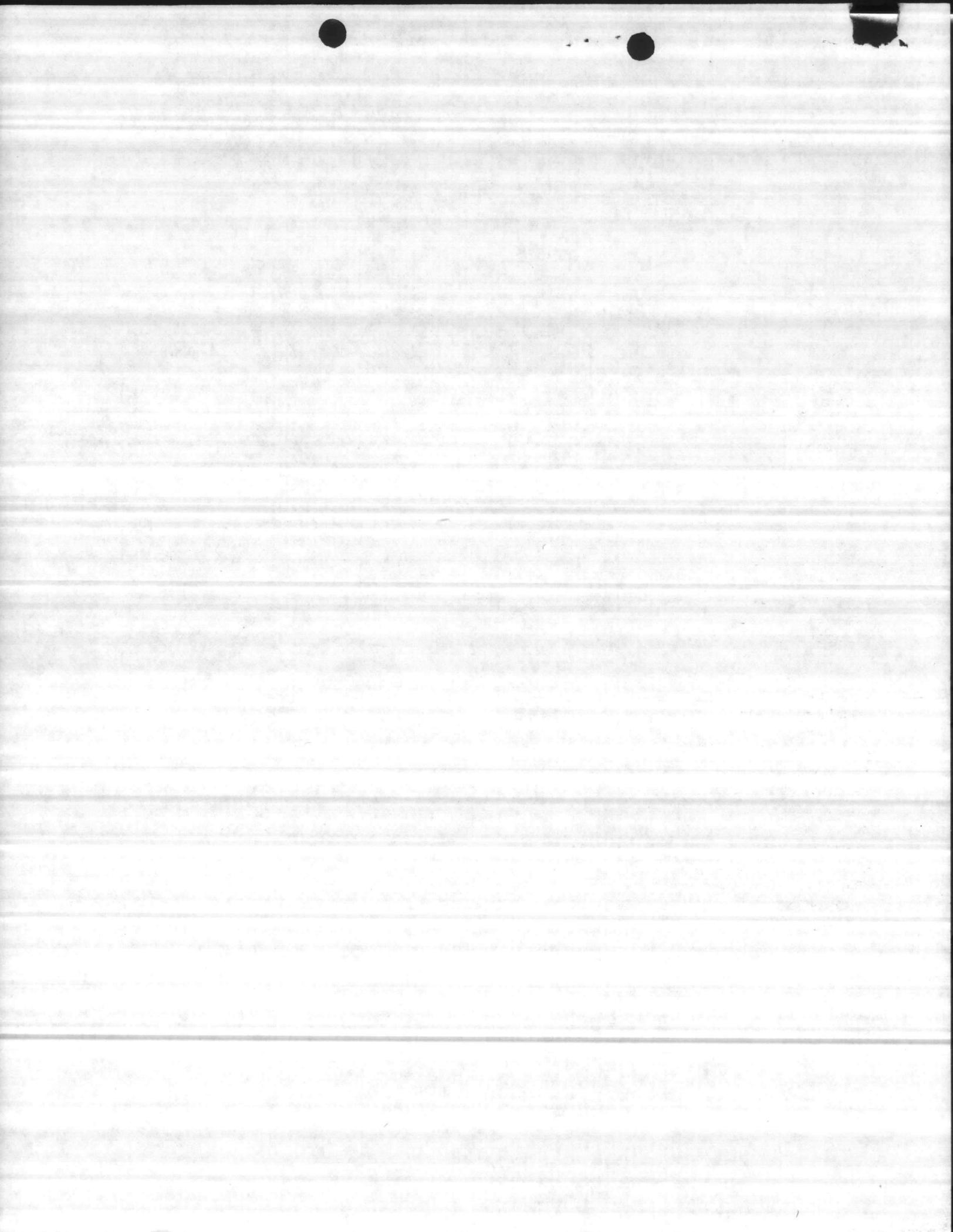
From: Director, Utilities Branch

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, TT-35

1. Forwarded for appropriate action.

*D. L. Southerland*  
D. L. SOUTHERLAND  
Acting



**BASE MAINTENANCE DIVISION**  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

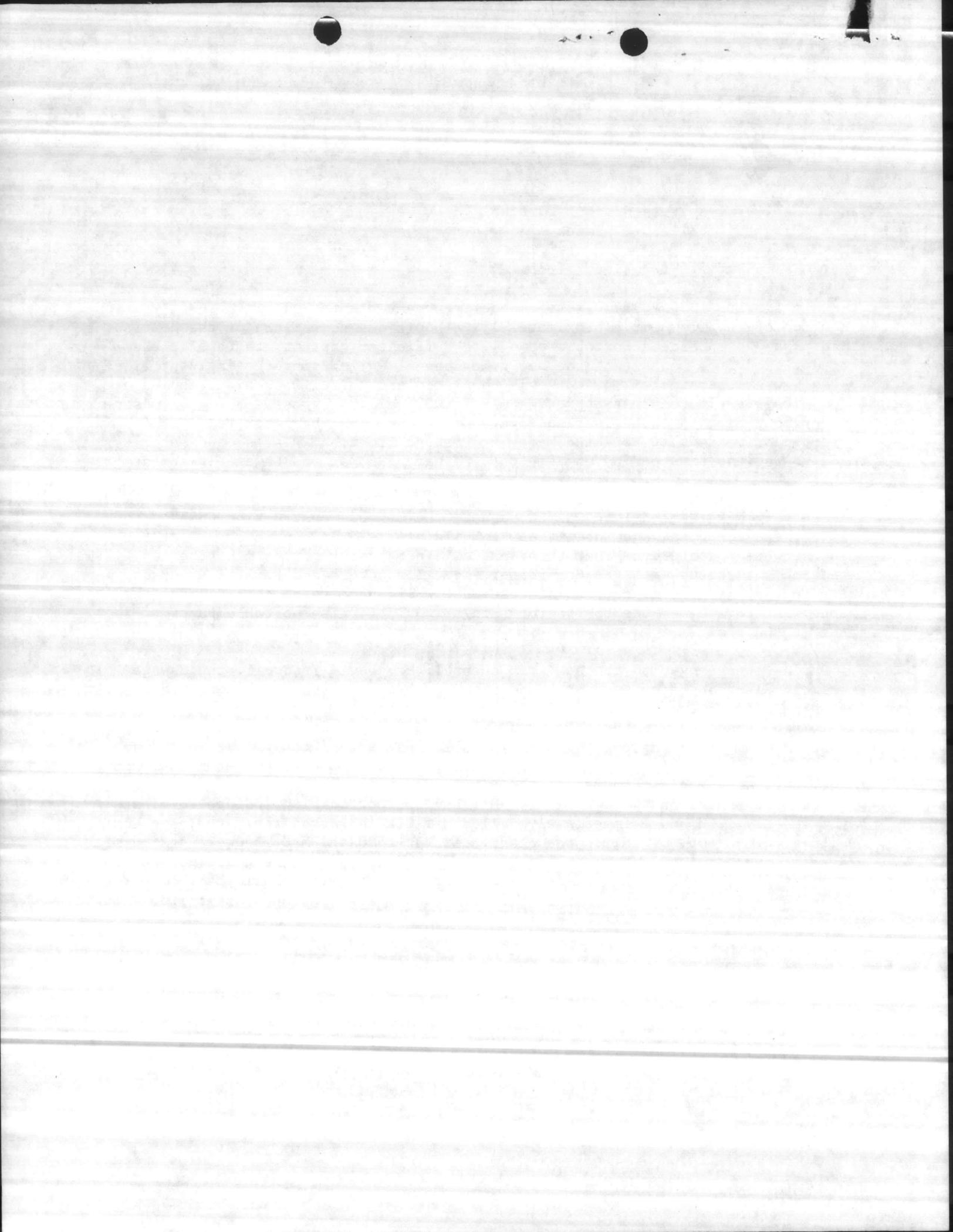
MAIN/WRP/shk  
11345.4  
6 January 1984

From: Utilities Systems General Foreman  
To: Director, Utilities Branch

Subj: NPDES Permit Violation, TT-35

1. On 4 January 1984 at 1230, the Sewage Treatment Plant, Building TT-35 bypassed a portion of the flow for approximately five hours due to failure of the contractor to furnish and operate a portable pump with sufficient capacity to transfer the influent flow from manhole to the new grit channel while tying the influent line to the new grit channel. The work was completed and normal operation resumed at 1730. It is estimated that approximately 75,000 gallons bypassed based on observations made by both supervisor and operator on duty and the meter readings for two consecutive days at both the Water and Sewage Treatment Plants, and meter readings for the same period of time on 5 January 1984 at the Sewage Treatment plant only.
2. Contract N62470-81-B-1454 was awarded to the C.W.C. Construction Company to make repairs to the sewage facilities at Building TT-35. They were told at the preconstruction conference that the flow could not be cut off to make the new tie-in. A meeting was set up with the Contractor, Navy Inspectors and Utilities personnel prior to the change over date to discuss what would have to be done to make the change. At this time, the Contractor said he would furnish portable pumps to transfer the flow.
3. During change over to the new grit channel, Mr. David Tredwell, the Sewage Treatment Plant operator on duty found a sewage bypass at the manhole on the discharge side of the plant. He immediately went to the site where the Contractor was working and observed that the pump furnished and operated by Contractor personnel was not taking care of the flow allowing part of the flow to build up in manhole and overflow through a bypass designed to control floodwater from heavy rains. Mr. Mack Davis, Foreman of the Sewage Treatment Plant investigated and observed the bypass on two occasions. Mr. Davis reported his findings to me at approximately 1230 and I immediately called Mr. Claude Parks, the Navy Inspector assigned to the job. I called the plant again at 1500 and Mr. Tredwell stated it was still bypassing. I again called Mr. Parks. He said that he would go back to the site and stay until the tie-in was completed. Mr. Leitha Hall was the operator on the 1600-2400 shift, and he reported that the bypass continued until 1730 when the job was completed and normal operations resumed.

*W R Price*  
W. R. PRICE



NREAD/DDS/nhh  
11345

17 JAN 1984

Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, GA 30309

Dear Sir:

This letter is to report a bypass on 11 and 12 January 1984 at the Tarawa Terrace Wastewater Treatment Plant (TT-35), Marine Corps Base, Camp Lejeune, NC. The following information relative to the incident is provided.

At 1800 on 11 January 1984, the treatment plant started bypassing. The bypassing continued during heavy flows and subsided during low flows until corrected at 1400 on 12 January 1984. The bypass was caused by a partial obstruction of the influent sewage line. An estimated 20,000 gallons of raw sewage bypassed into Northeast Creek.

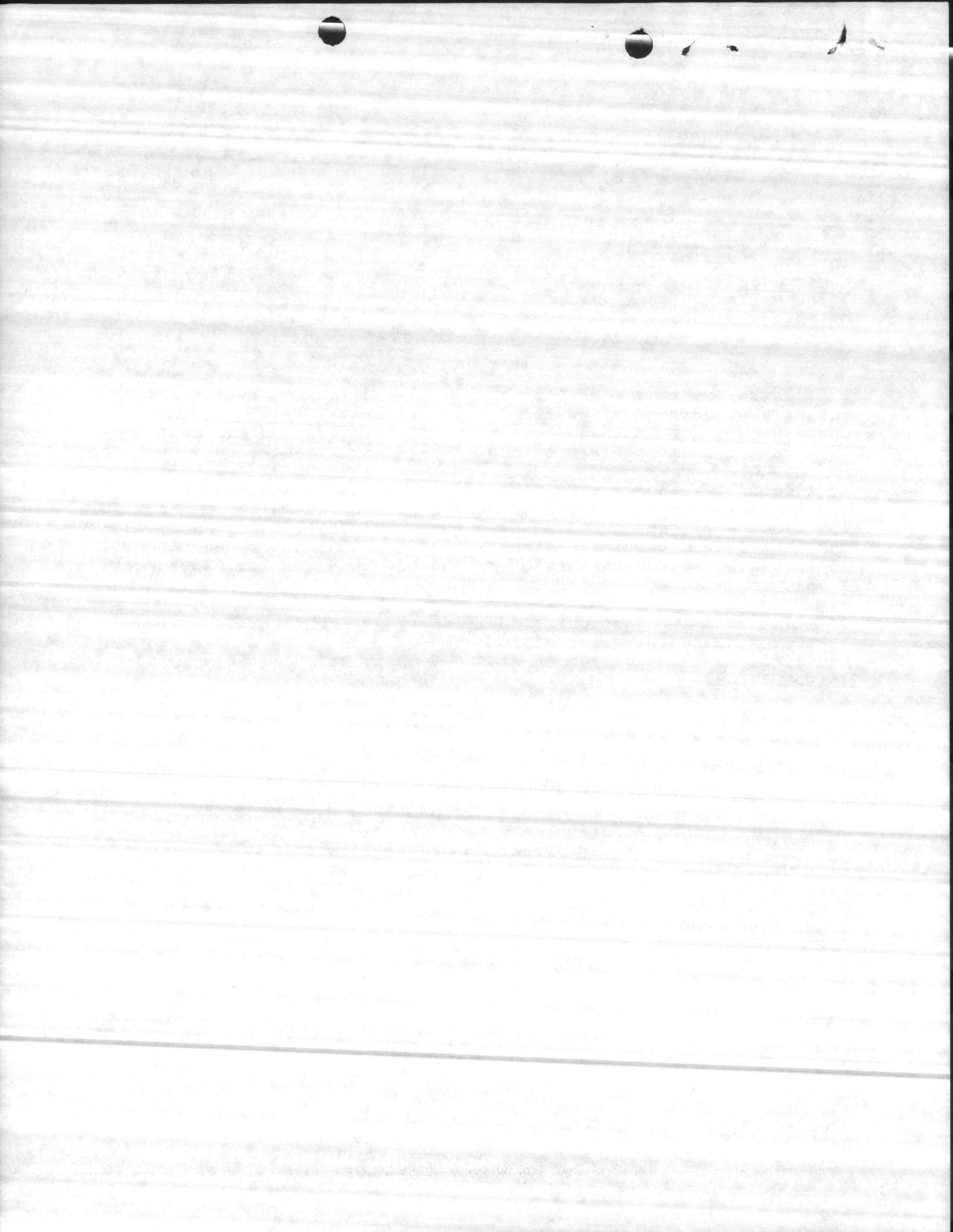
If additional information is desired, please contact Mr. Julian I. Wooten, Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, telephone (919) 451-5003/2083.

Sincerely,

J. G. FITZGERALD  
Lieutenant Colonel, U. S. Marine Corps  
Acting Assistant Chief of Staff, Facilities  
By direction of the Commanding General

Copy to:  
NC Dept of NatRes&ComDev  
CMDR, LANTNAVFACENCOM  
OIC, PMU, NAVHOSP

Blind copy to:  
BMO (Util Dir)  
→ NREAD (QCL)



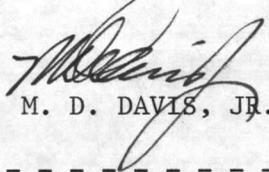
**BASE MAINTENANCE DIVISION**  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

MAIN/MDD/shk  
11345.3  
13 January 1984

From: Sewage Disposal Plant Operator Foreman  
To: Director, Utilities Branch

Subj: NPDES Permit Violation, TT-35

1. A raw sewage bypass occurred at 1800, 11 January 1984, due to a partial obstruction of the influent sewage line. The bypassing situation occurred during heavy flow situations, and subsided during low flows.
2. The obstruction occurred because of an accumulation of ropes, rags, and other materials accumulating in a 14 inch gate valve, causing the flow level to rise in the influent manhole, and to back up in a discontinued line that had been plugged but not removed.
3. The situation was corrected at 1400, 12 January 1984.
4. I estimate approximately 20,000 gallons were bypassed during this period.

  
M. D. DAVIS, JR.

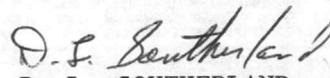
-----  
MAIN/DLS/shk  
11345.3  
13 January 1984

FIRST ENDORSEMENT on SewageDispPltOperFore ltr MAIN/MDD/shk 11345.3 of  
13 Jan 1984

From: Base Maintenance Officer  
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, TT-35

1. Forwarded for appropriate action.

  
D. L. SOUTHERLAND  
By direction



MAIN/MDD/shk  
11345.3  
13 January 1984

From: Sewage Disposal Plant Operator Foreman  
To: Director, Utilities Branch

Subj: NPDES Permit Violation, TT-35

1. A raw sewage bypass occurred at 1800, 11 January 1984, due to a partial obstruction of the influent sewage line. The bypassing situation occurred during heavy flow situations, and subsided during low flows.
2. The obstruction occurred because of an accumulation of ropes, rags, and other materials accumulating in a 14 inch gate valve, causing the flow level to rise in the influent manhole, and to back up in a discontinued line that had been plugged but not removed.
3. The situation was corrected at 1400, 12 January 1984.
4. I estimate approximately 20,000 gallons were bypassed during this period.

M. D. DAVIS, JR.

-----  
MAIN/DLS/shk  
11345.3  
13 January 1984

FIRST ENDORSEMENT on SewageDispPltOperFore ltr MAIN/MDD/shk 11345.3 of  
13 Jan 1984

From: Base Maintenance Officer  
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, TT-35

1. Forwarded for appropriate action.

D. L. SOUTHERLAND  
By direction

19 JAN 1954  
11:52  
19 JAN 1954

from: Sewage Disposal Plant Operator for  
for Director, Utilities Branch

subject: Sewage Plant Violation, T-15

A raw sewage bypass occurred at 1500. It January 1954, due to a partial  
obstruction of the influent sewage line. The bypass situation occurred  
during heavy low tides, and subsided during low flow.

The obstruction occurred because of an accumulation of rocks, logs, and  
other material accumulating in a 12 inch pipe which carries the flow  
to rise in the influent tanks, and to back up in a 24 inch pipe  
which has been cleaned but not removed.

The situation was corrected at 1400, 12 January 1954.

A estimate approximately \$1,000.00 was prepared during this period.

M. D. DAVIS, JR.

19 JAN 1954  
11:52  
19 JAN 1954

YESTERDAY IN THE...  
19 JAN 1954

from: Sewage Disposal Plant Operator  
for Director, Utilities Branch and Division of Affairs

subject: Sewage Plant Violation, T-15

forwarded for appropriate action.

M. D. DAVIS, JR.  
Director

NREAD/EAB  
11345

Regional Administrator  
Environmental Protection Agency  
Region IV, Water Enforcement Branch  
345 Courtland Street  
Atlanta, Georgia 30309

Dear Sir:

This letter is to report a 11 & 12 January 1984 bypass at the Tarawa Terrace Wastewater Treatment Plant (TT-#1), Marine Corps Base, Camp Lejeune, North Carolina. The following information relative to the incident is provided.

At 1800 on 11 January 1984, the treatment plant started bypassing. The bypassing continued during heavy flows and subsided during low flows until corrected at 1400 on 12 January 1984. The bypass was caused by a partial obstruction of the influent sewage line. The obstruction was an accumulation of ropes, rags, and other materials that entered the system after the last lift station and accumulated in a 14 inch gate valve. An estimated 20,000 gallons of raw sewage bypassed into Northeast Creek.

If additional information is desired, please contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, telephone (919) 451-5003/2083.

Copy to:  
NC Dept of NatRes&ComDev  
CMDR, NAVFACENGCOM  
OIC, PMU, NAVHOSP

Blind Copy to:  
BMO (Util Dir)  
QCL, NREAD



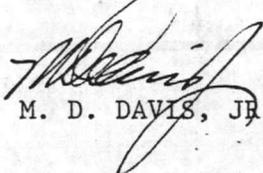
BASE MAINTENANCE DIVISION  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

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13 January 1984

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Subj: NPDES Permit Violation, TT-35

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M. D. DAVIS, JR.

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MAIN/DLS/shk  
11345.3  
13 January 1984

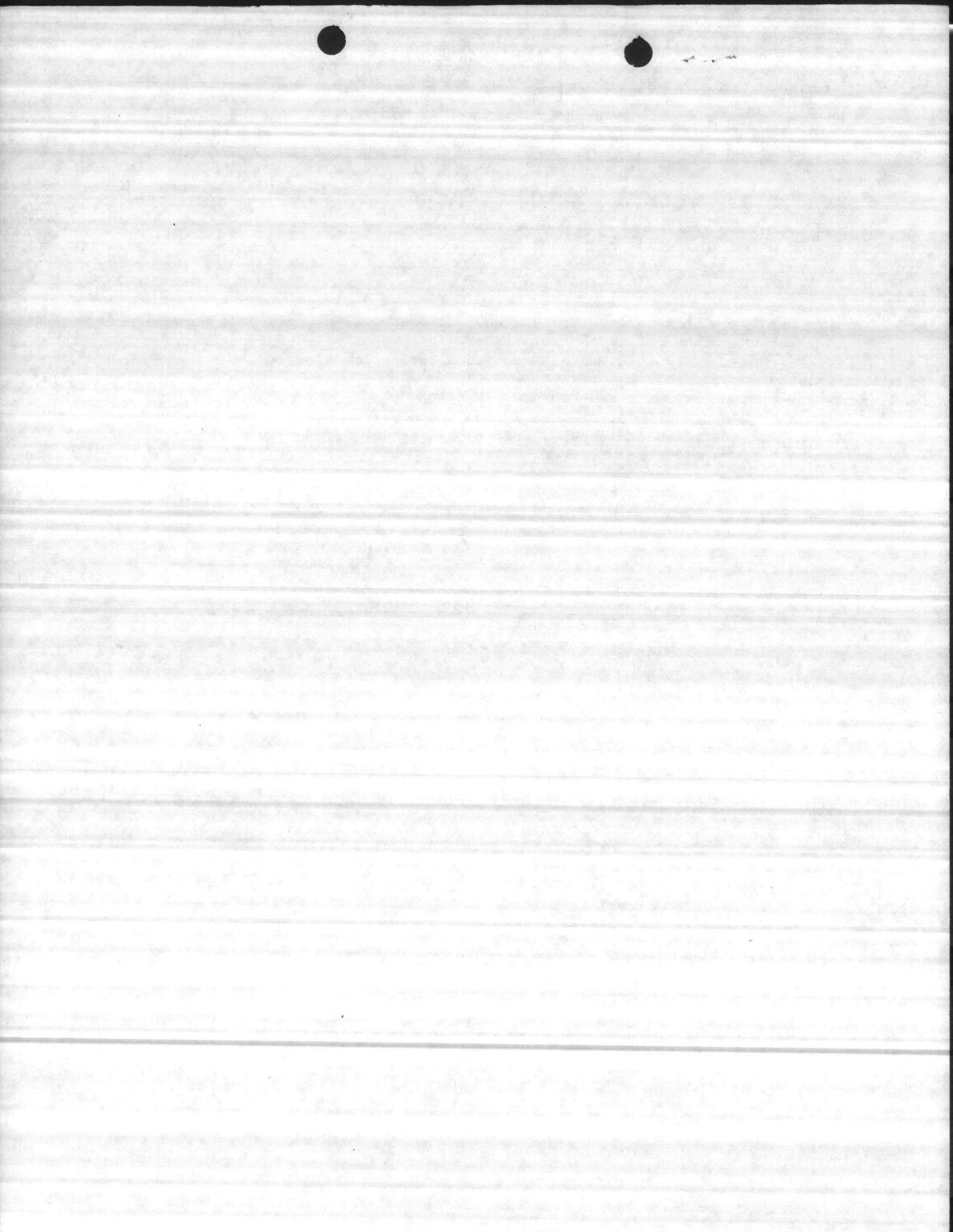
FIRST ENDORSEMENT on SewageDisPltOperFore ltr MAIN/MDD/shk 11345.3 of  
13 Jan 1984

From: Base Maintenance Officer  
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, TT-35

1. Forwarded for appropriate action.

  
D. L. SOUTHERLAND  
By direction



1984

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